

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090723\
 Data File : VL040676.D
 Acq On : 7 Sep 2023 20:11
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Sep 08 03:31:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Aug 16 05:43:50 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

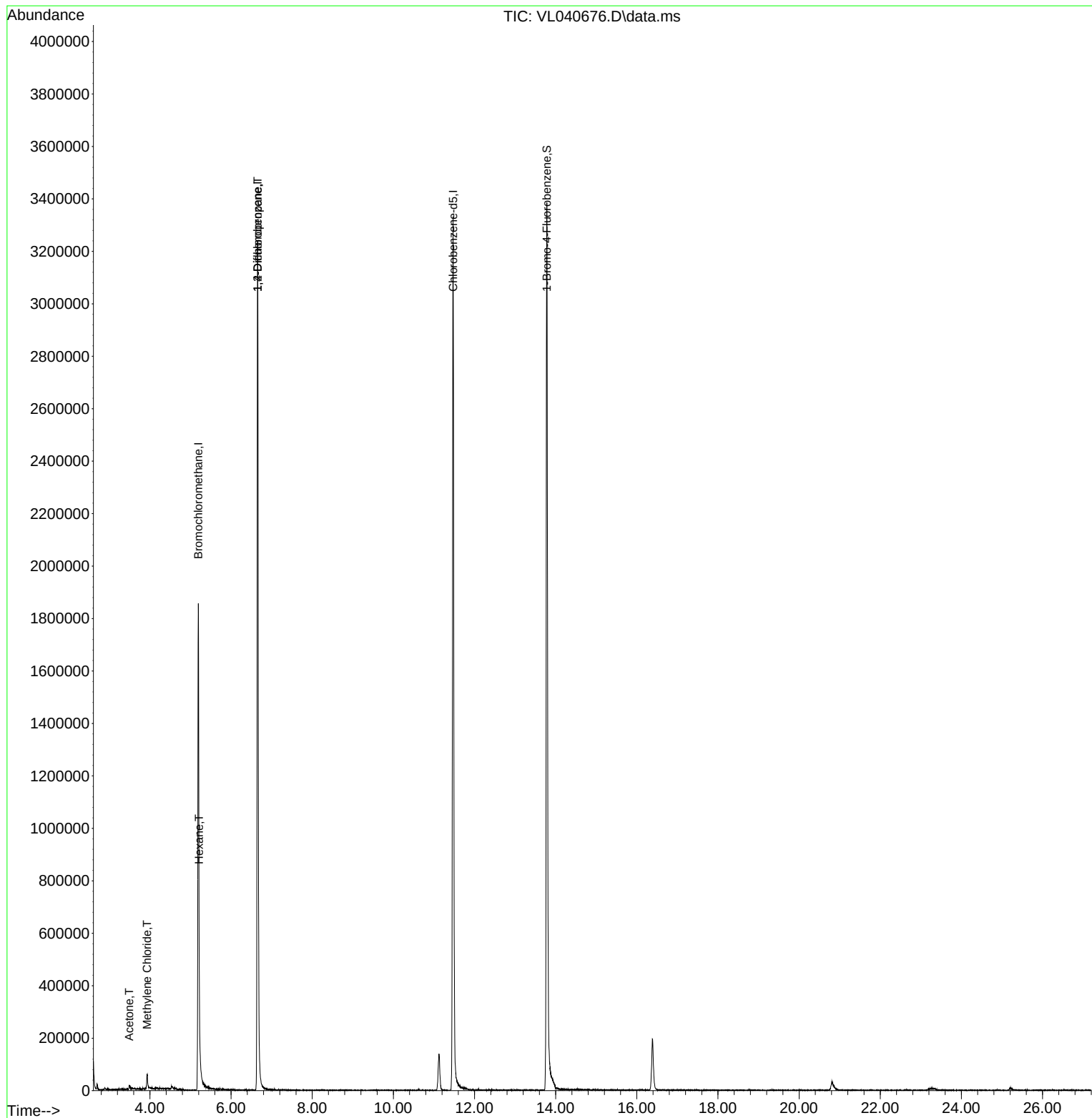
Internal Standards						
1) Bromochloromethane	5.192	49	881791	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2273692	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2022349	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1579919	9.823	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.200%
Target Compounds						
					Qvalue	
15) Acetone	3.491	43	8101	0.075	ppbv #	47
20) Methylene Chloride	3.928	84	19336	0.367	ppbv	90
26) Hexane	5.211	57	3671	0.037	ppbv #	1
39) 1,2-Dichloropropane	6.655	63	578182	8.402	ppbv #	26

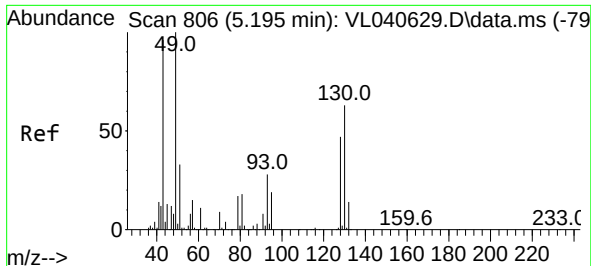
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 08 03:31:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Wed Aug 16 05:43:50 2023
Response via : Initial Calibration

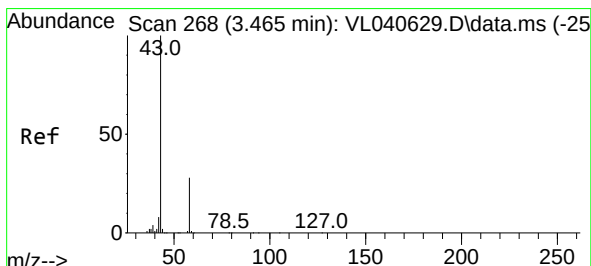
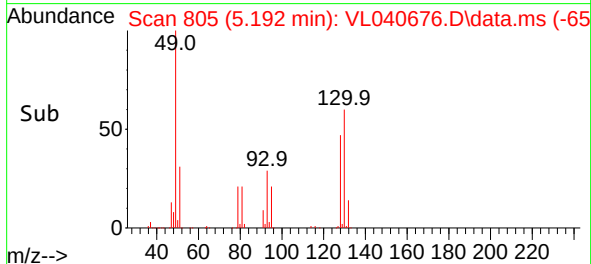
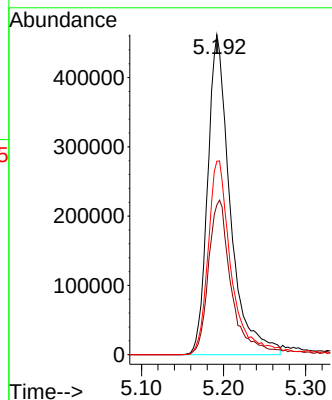
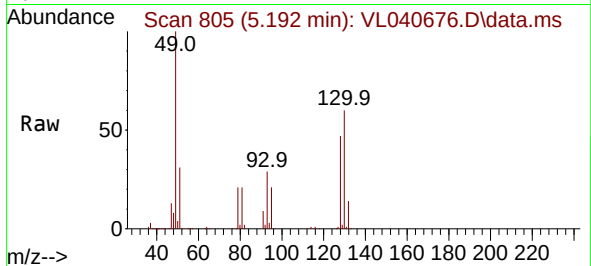




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 806
Delta R.T. -0.003 min
Lab File: VL040676.D
Acq: 7 Sep 2023 20:11

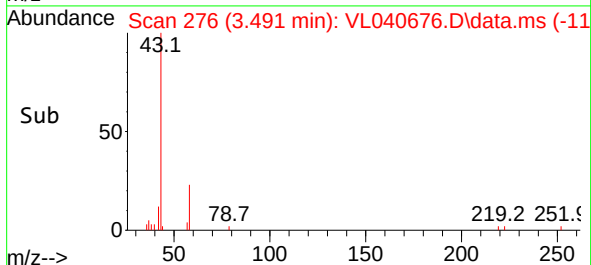
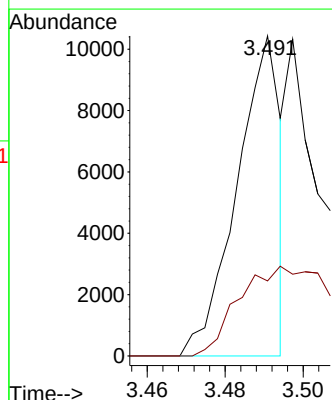
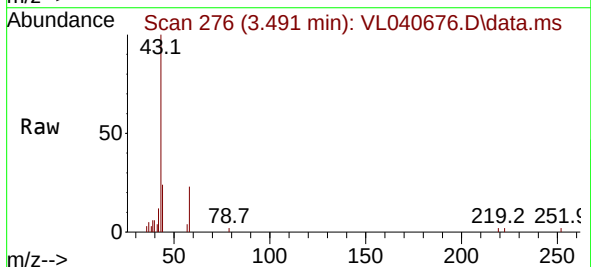
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

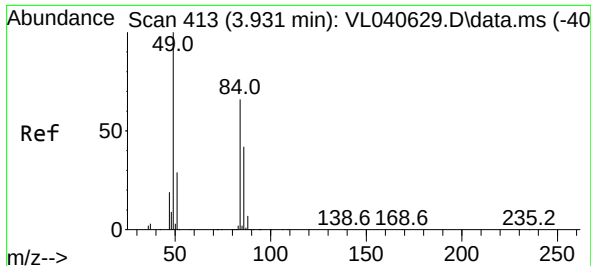
Tgt Ion: 49 Resp: 881791
Ion Ratio Lower Upper
49 100
128 50.8 24.9 74.7
130 62.9 32.2 96.6



#15
Acetone
Concen: 0.075 ppbv
RT: 3.491 min Scan# 276
Delta R.T. 0.026 min
Lab File: VL040676.D
Acq: 7 Sep 2023 20:11

Tgt Ion: 43 Resp: 8101
Ion Ratio Lower Upper
43 100
58 0.0 22.4 33.6#

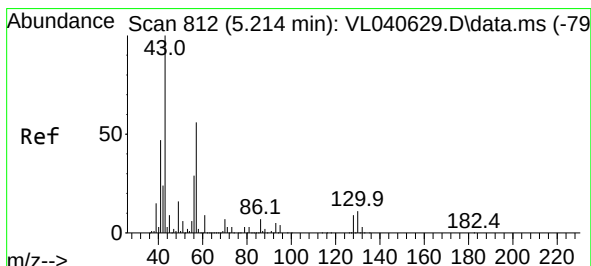
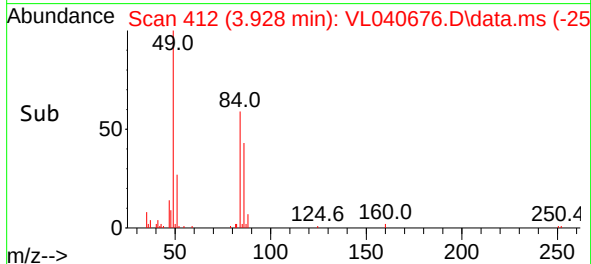
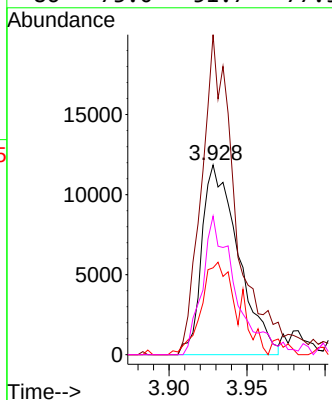
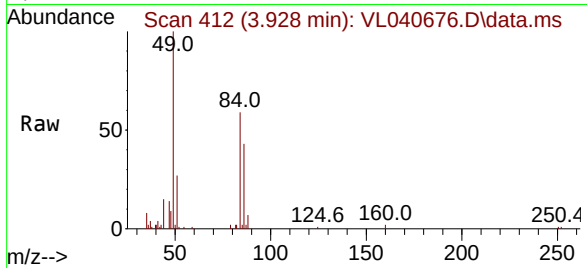




#20
Methylene Chloride
Concen: 0.367 ppbv
RT: 3.928 min Scan# 413
Delta R.T. -0.003 min
Lab File: VL040676.D
Acq: 7 Sep 2023 20:11

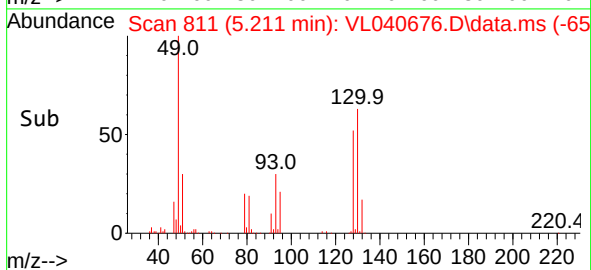
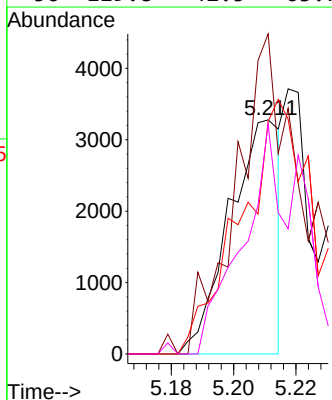
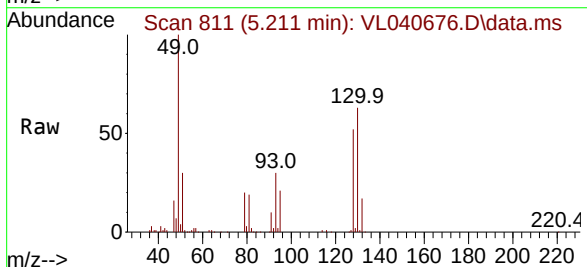
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

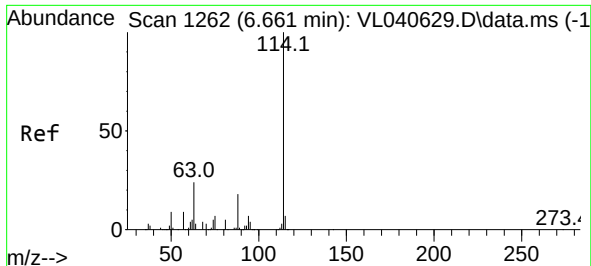
Tgt Ion: 84 Resp: 19336
Ion Ratio Lower Upper
84 100
49 168.6 122.1 183.1
51 44.4 35.4 53.2
86 73.0 51.7 77.5



#26
Hexane
Concen: 0.037 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.003 min
Lab File: VL040676.D
Acq: 7 Sep 2023 20:11

Tgt Ion: 57 Resp: 3671
Ion Ratio Lower Upper
57 100
41 200.3 69.3 103.9#
43 0.0 177.9 266.9#
56 119.8 42.5 63.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL040676.D

Acq: 7 Sep 2023 20:11

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

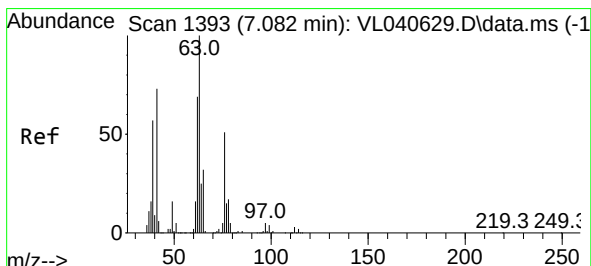
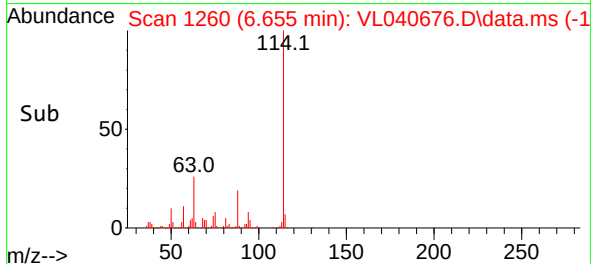
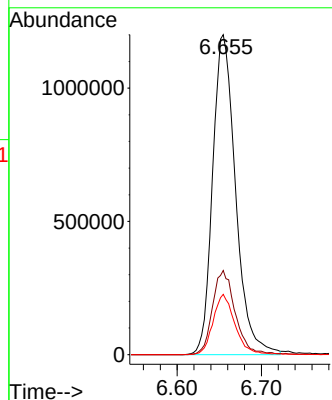
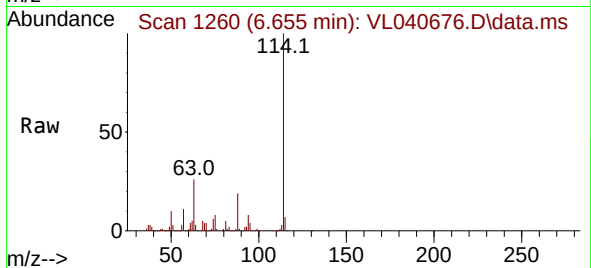
Tgt Ion:114 Resp: 2273692

Ion Ratio Lower Upper

114 100

63 26.4 20.2 30.2

88 18.2 14.1 21.1



#39

1,2-Dichloropropane

Concen: 8.402 ppbv

RT: 6.655 min Scan# 1260

Delta R.T. -0.428 min

Lab File: VL040676.D

Acq: 7 Sep 2023 20:11

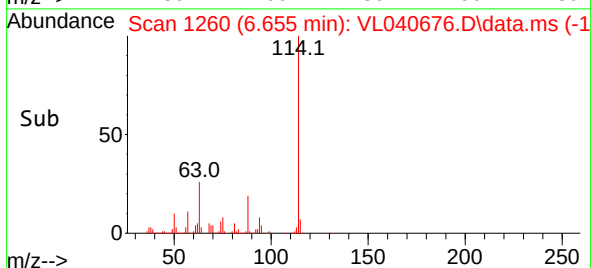
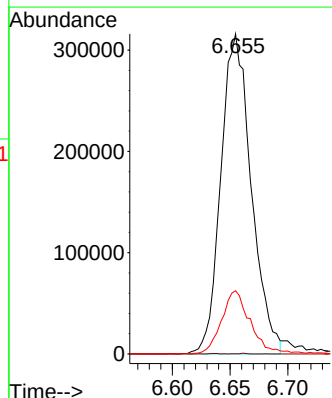
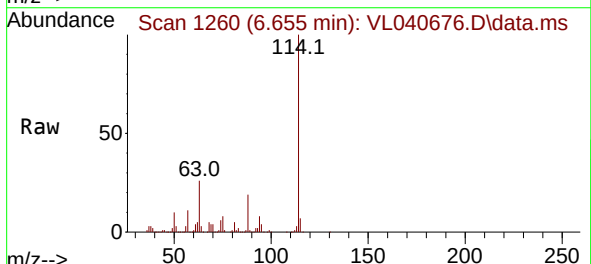
Tgt Ion: 63 Resp: 578182

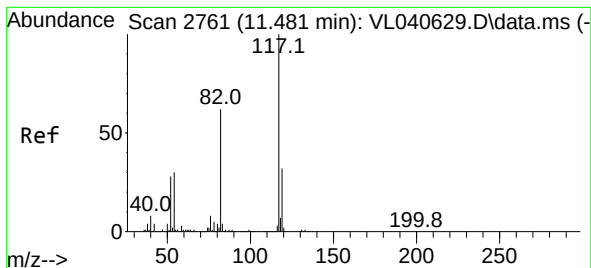
Ion Ratio Lower Upper

63 100

41 0.1 58.2 87.2#

62 19.8 55.0 82.4#

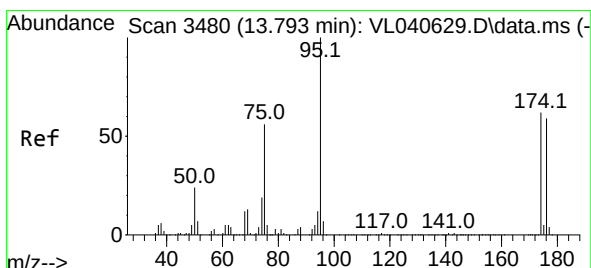
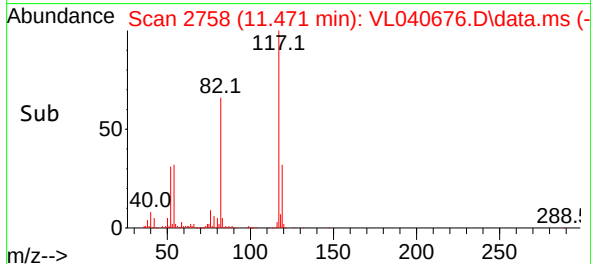
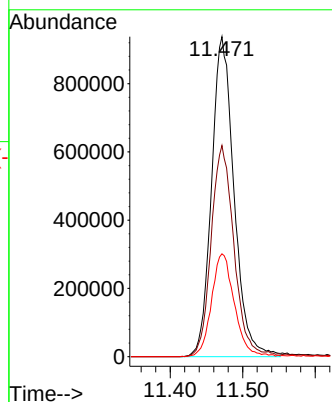
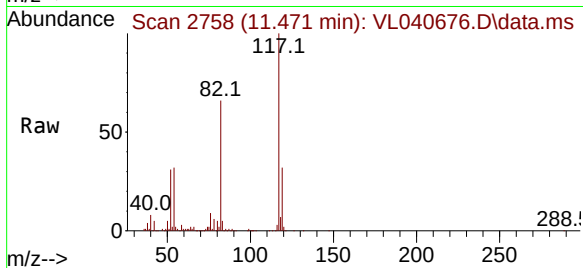




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040676.D
Acq: 7 Sep 2023 20:11

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2022349
Ion Ratio Lower Upper
117 100
82 68.3 49.5 74.3
119 33.2 24.5 36.7



#68
1-Bromo-4-Fluorobenzene
Concen: 9.823 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. -0.010 min
Lab File: VL040676.D
Acq: 7 Sep 2023 20:11

Tgt Ion: 95 Resp: 1579919
Ion Ratio Lower Upper
95 100
174 64.2 49.1 73.7
175 4.3 3.7 5.5

